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REMARKS

Drawings. In the Non-Final Office Action, Examiner Sanei objected to FIG. 1 for failing to comply with under 37 C.F.R. §1.121(d) by labeling an electrode 8 in FIG. 1 while describing the electrode as having a label 18 in the specification. The Applicant has amended the specification herein to recite the electrode as label 8 as shown in FIG. 1. Withdrawal of the objection to the drawings is therefore respectfully requested.

Specification. In the Non-Final Office action, Examiner Sanei objected to the title for failing to be descriptive. The Applicant has amended the specification herein to recite the title as "High-pressure discharge lamp having an improved fusion joint". Withdrawal of the

Claims. In the Non-Final Office Action, Examiner Sanei objected to and rejected pending claims 1-7 on various grounds. The Applicant responds to each rejection as subsequently recited herein, and respectfully requests reconsideration and further examination of the present application under 37 CFR § 1.112:

A. Examiner Sanei objected to dependent claim 3 for repeating $\text{Al}_{64}\text{Mo}_{37}$

The Applicant has amended dependent claim 3 herein to remove the repetition of $\text{Al}_{64}\text{Mo}_{37}$. Withdrawal of the objection to dependent claim 3 is therefore respectfully requested.

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- B. Examiner Sanei rejected claims 1 and 4-7 under 35 U.S.C. §102(b) as being anticipated by U.S. Patent Application No. 6,020,685 to *Wei*

The Applicant has thoroughly considered Examiner Sanei's remarks concerning the patentability of claims 1 and 4-7 over *Wei*. The Applicant has also thoroughly read *Wei*. To warrant this anticipation rejection of claims 1 and 4-7, *Wei* must show each and every limitation of independent claim 1 in as complete detail as is contained in independent claim 1. See MPEP §2131. The Applicant asserts that *Wei* teaches a plug being directly sintered both to an arc tube and a feedthrough (i.e., the plug and the ceramic wall of the arc tube are not jointed). See, *Wei* at column 3, lines 33 and 34; column 5, lines 20-24; column 10, lines 15-30; and column 12, lines 13-25. *Wei* therefore fails to show "the ceramic wall (1) and the plug (2) being jointed by a fusion joint (4), characterized in that the fusion joint (4) comprises an alloy comprising substantially molybdenum and aluminum" in as complete detail as is contained in independent claim 1.

Withdrawal of the rejection of independent claim 1 under 35 U.S.C. §102(b) as being anticipated by *Wei* is therefore respectfully requested.

Claims 4-7 depend from independent claim 1. Therefore, dependent claims 4-7 include all of the elements and limitations of independent claim 1. It is therefore respectfully submitted by the Applicant that dependent claims 4-7 are allowable over *Wei* for at least the same reasons as set forth with respect to independent claim 1 being allowable over *Wei*. Therefore, withdrawal of the rejection of dependent claims 4-7 under 35 U.S.C. §102(b) as being anticipated by *Wei* is therefore respectfully requested.

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- C. Examiner Sanei rejected claims 2 and 3 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,020,685 to *Wei* in view of U.S. Patent No. 4,076,898 to *MeVey*

Claims 2 and 3 depend from independent claim 1. Therefore, dependent claims 2 and 3 include all of the elements and limitations of independent claim 1. It is therefore respectfully submitted by the Applicant that dependent claims 2 and 3 are allowable over *Wei* in view of *MeVey* for at least the same reasons as set forth with respect to independent claim 1 being allowable over *Wei*. Therefore, withdrawal of the rejection of dependent claims 2 and 3 under 35 U.S.C. §103(a) as being unpatentable over *Wei* in view of *MeVey* is respectfully requested.

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SUMMARY

Examiner Sanei's objection to dependent claim 3 has been obviated by the amendment herein of dependent claim 3. Examiner Sanei's rejections of claims 1-7 have been obviated by the remarks herein supporting an allowance of claims 1-7 over the art of record, particularly *Wei*. The Applicant respectfully submits that claims 1-7 as amended herein fully satisfy the requirements of 35 U.S.C. §§ 102, 103 and 112. In view of the foregoing, favorable consideration and early passage to issue of the present application is respectfully requested. If any points remain in issue that may best be resolved through a personal or telephonic interview, Examiner Sanei is respectfully requested to contact the undersigned at the telephone number listed below.


Dated: October 13, 2005

Respectfully submitted,
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